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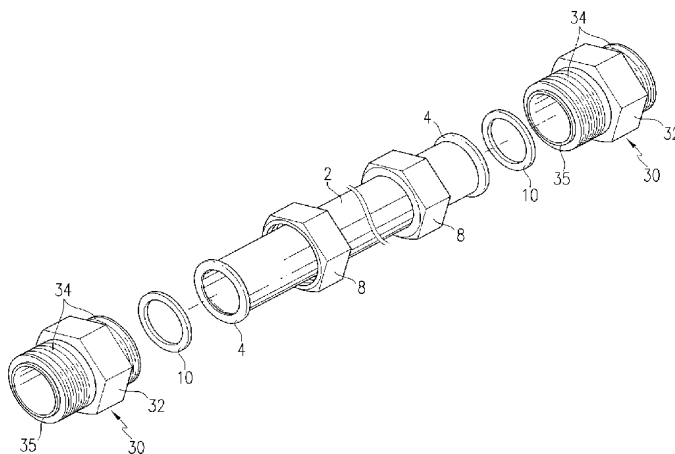
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(54) Title: PIPE COUPLING SYSTEM



(57) **Abstract:** The present invention provides a pipe coupling system in which a piping work can be simply and easily performed by coupling a pipe and a pipe fitting to each other with a screw and a sealing effect can be enhanced by providing a soft sealing ring coming in close contact with the surfaces of the pipe and the pipe fitting. The pipe coupling system comprises: a pipe (2) provided with a flange (4) which is formed by bending an end of the pipe (2) in a direction perpendicular to a circumferential surface thereof; a swivel nut (8) fitted into the pipe (2) such that a rear end of the swivel nut (8) is laked to the flange of the pipe (2) to prevent separation; a soft sealing ring (10) provided to come in close contact with the surface of the flange (4) of the pipe (2); and a pipe fitting of which a part of a circumferential surface is provided with a male screw (34) such that the male screw (34) is coupled to the swivel nut (8) fitted into the pipe (2) and of which an end surface coming in contact with the soft sealing ring (10) is provided with a support protrusion (35) such that a part of an inner surface of the soft sealing ring (10) coming in close contact with the end surface is supported by the support protrusion (35).

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